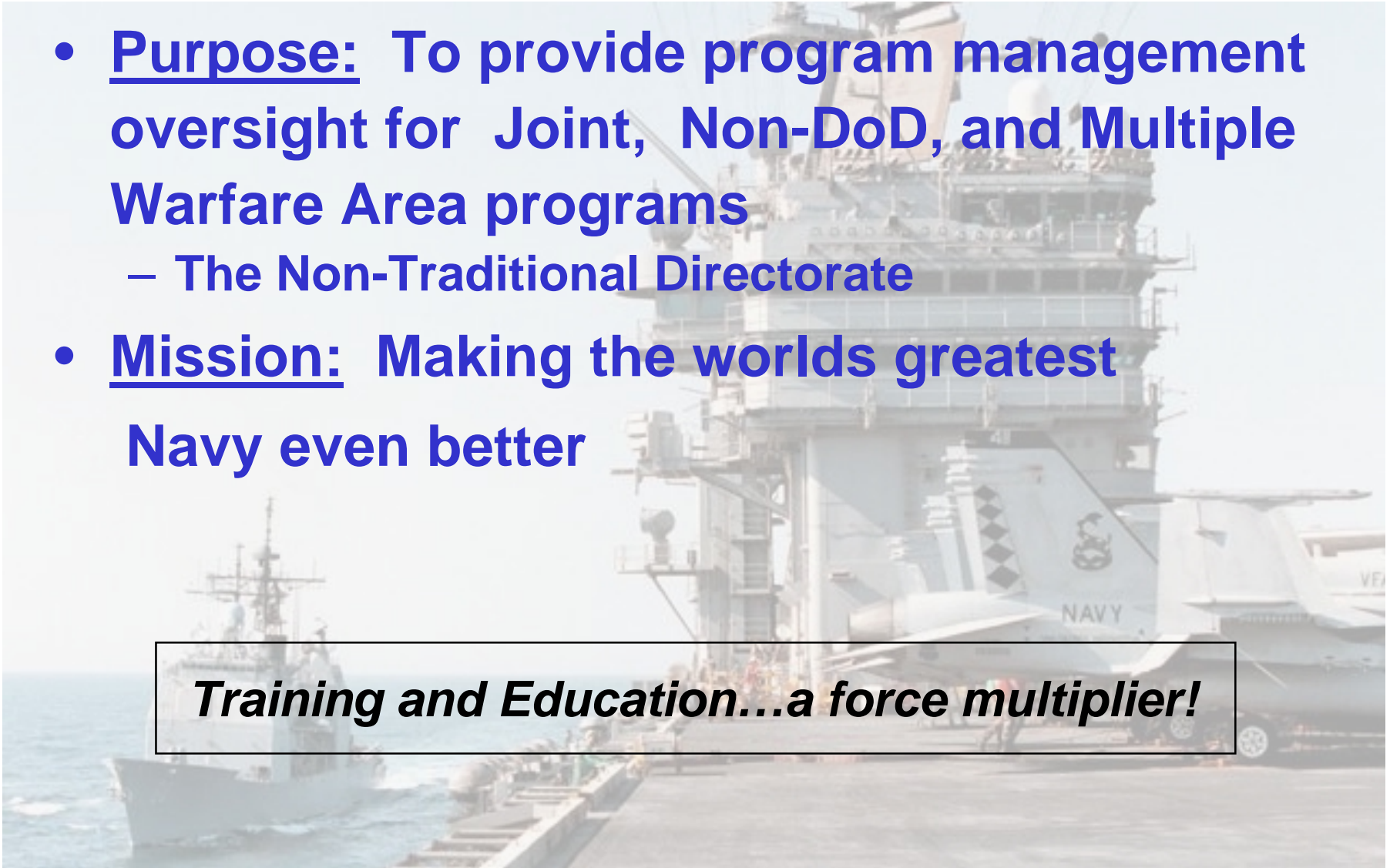


SPECIAL EMPHASIS - 11E

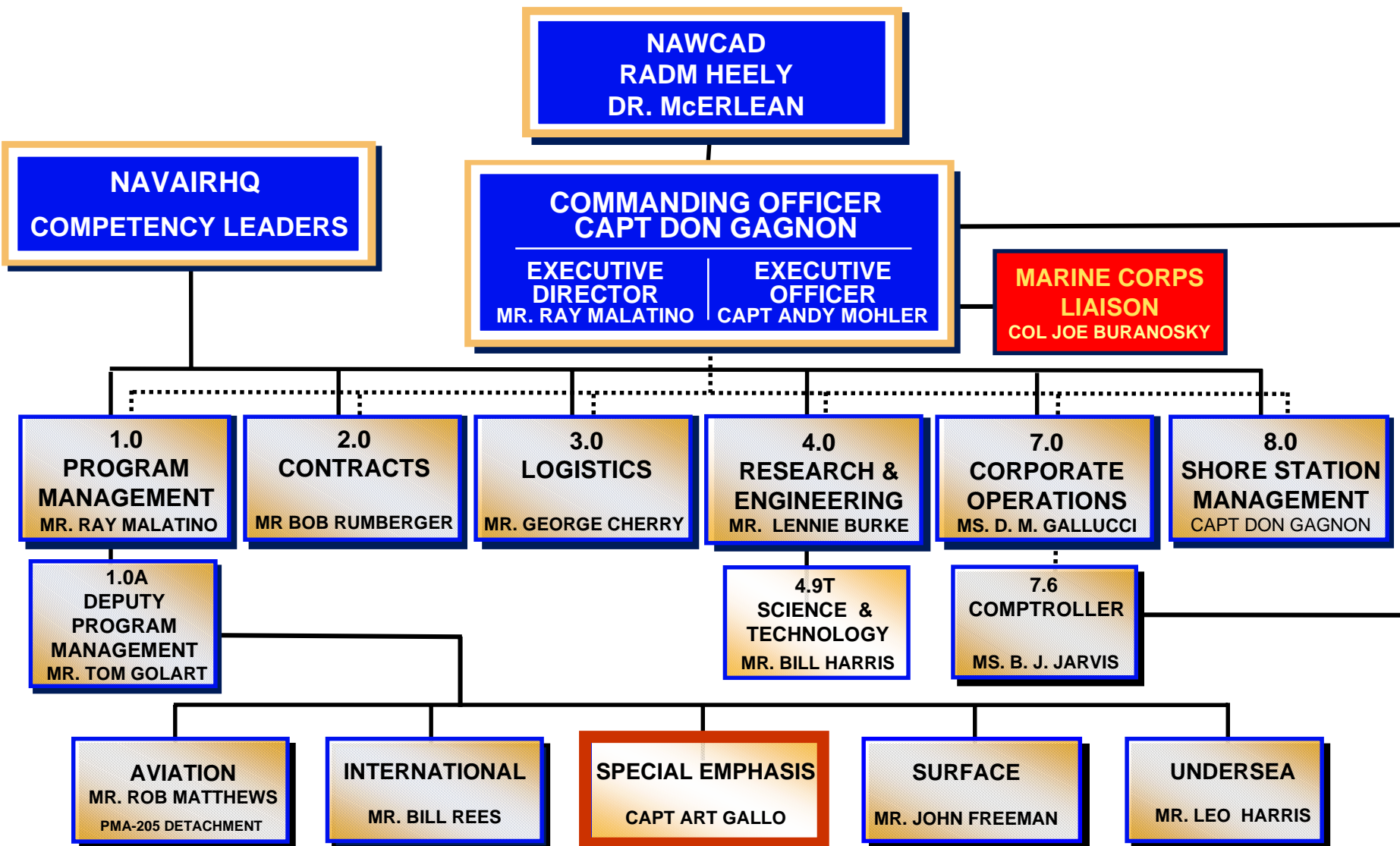
- Purpose: To provide program management oversight for Joint, Non-DoD, and Multiple Warfare Area programs
 - The Non-Traditional Directorate
- Mission: Making the worlds greatest Navy even better

Training and Education...a force multiplier!





ORGANIZATION STRUCTURE





Captain Art Gallo, (X-4441)

GalloAW@navair.navy.mil



Project	PJM	Phone	Sponsor
M&S/Tech Infusion & NCW	CDR Charles Frye	(407)380-4706 FryeCR@navair.navy.mil	
NMSIS	Vickie Moore	(407)380-4633 MooreVM@navair.navy.mil	OPNAV N6
Electronic Training Environment (ETE)	Benn Aaronson	(407)380-8250 AaronsonBA@navair.navy.mil	CNET, NAVSEA, USMC
FBE / TOURS / JSAF / WARCON	Joe Santilli	(407)380-4234 SantillJF@navair.navy.mil	CNET / JFC / NWC / ONR
WAE/ASTT	Ron Root	(407)380-4872 RootRL@navair.navy.mil	DARPA
AIM	Alan Litz	(407)380-8607 LitzAD@navair.navy.mil	NAVSEA
OTT / SPIDER	Mark Harbison	(407)380-8513 HarbisonMP@navair.navy.mil	CNO (N79)
AEC / LRC	Myron Valentine	(407)380-8518 ValentineMA@navair.navy.mil	CNET ETS
Homeport Trng (HPT)	Ray Shands	(407)380-4291 ShandsRC@navair.navy.mil	CNET
SOF Training Systems	Mike Piercy	(407)380-4446 PiercyM@navair.navy.mil	SOCOM
Distributed Learning	Cdr John Colville	(407)380-4623 ColvilleJE@navair.navy.mil	
Electronic Warfare / Leadership Training	EWC A. Thompson	(407)380-8807 ThompsonAD@navair.navy.mil	CNET
Live Fire Test and Training	Rick Seymour	(703)614-3991 SeymourER@navair.navy.mil	OSD

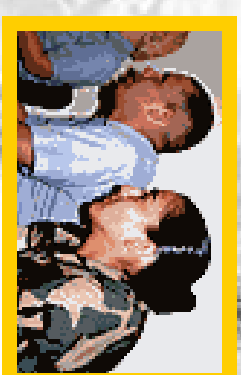
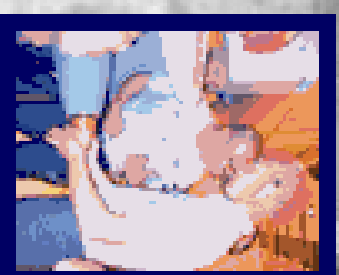
CNET SPONSOR BRIEFERS

- **Terry A. Halvorsen**
Director for Assessment
- **Saundra K. Drummer**
Director for ETS

"Transferring More Knowledge to More Sailors"



Faster For Less Cost"



CNET AT A GLANCE

166 Total Direct Reporting Activities

28 Detachments

9 Host Commands

35 Schoolhouses

27 Overseas Remote Sites

2 Area Coordination Regions

17 Medical / Dental Commands

Programs

Recruit Training

Officer Accession

NROTC – 57 Units (143 Schools)

Officer Candidate School

Initial Skill Training (OFF/ENL)

Skill Progression Training (OFF/ENL)

Functional Skill Training (OFF/ENL)

Undergraduate Flight Training

Professional Development

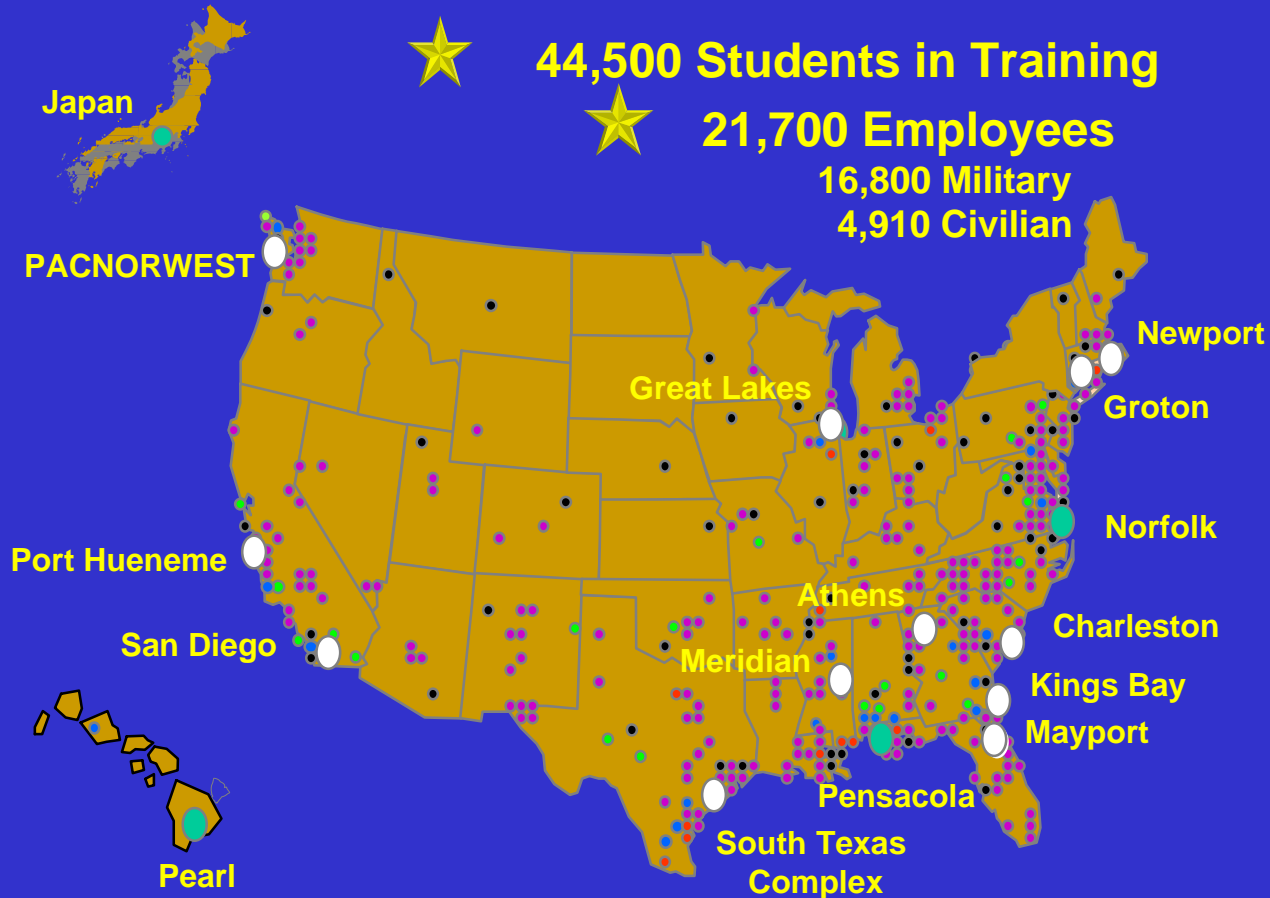
Leadership Training Continuum

Navy College Program – 64 Offices

Homeport Training

Local Training Authorities – 7 Sites

Navy Learning Network



44,500 Students in Training



21,700 Employees

16,800 Military

4,910 Civilian



Over 3,400 Courses

“Every Sailor in the Navy is a CNET Graduate”

NAVY TRAINING OBJECTIVE

**Transfer More Knowledge to More
Sailors Faster and at Less Cost**



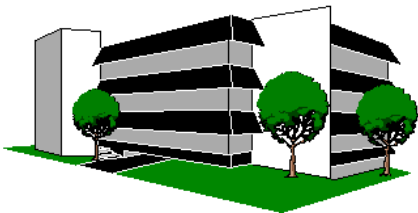
ROADMAP TO OUR TRAINING OBJECTIVE

INITIAL

Automated Electronic
Classroom (AEC)

Learning Resource
Center (LRC)

Interactive Multi-
Media Self-Paced
Training

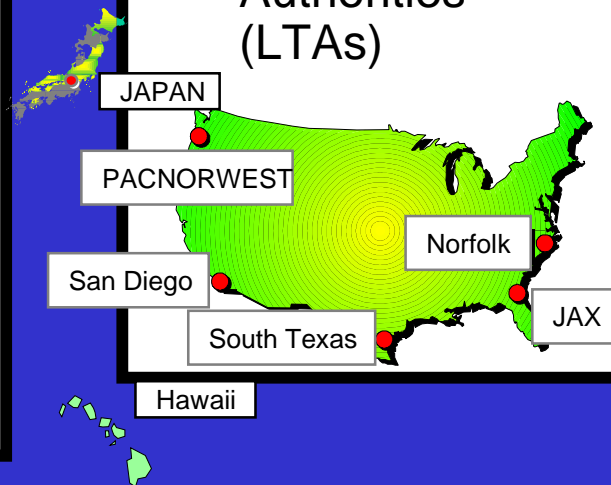


FOLLOW-ON

Distributed
Learning

Homeport
Training

Local Training
Authorities
(LTAs)



CONTINUOUS

CURRENTLY...

Interactive Multisensor
Analysis Trainer (IMAT)

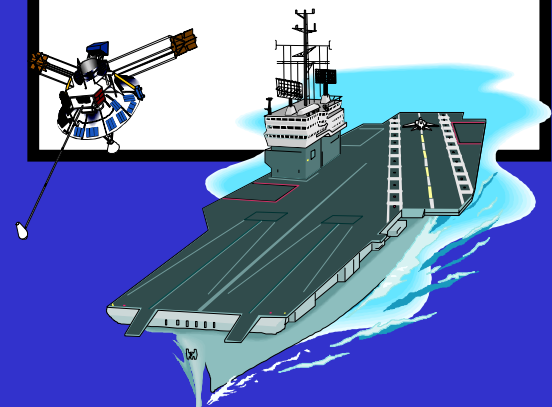
Micro-Simulation

Navy Learning Network

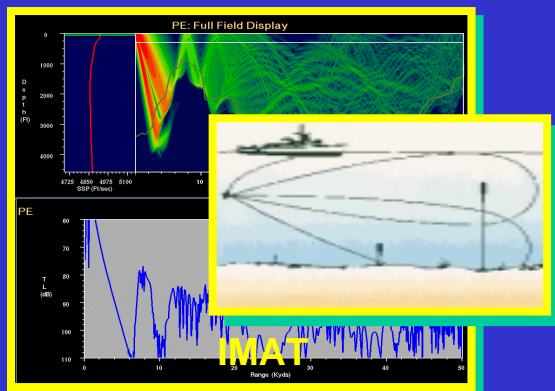
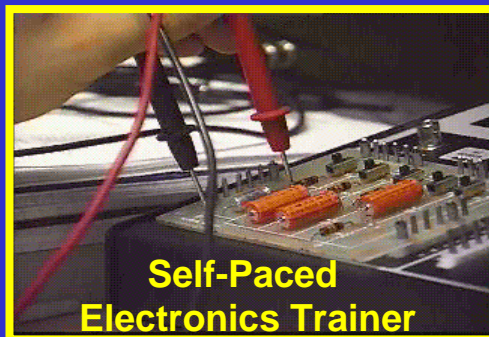
Coming Soon...

Navy Virtual Library

Virtual Reality



WHAT WE'RE DOING TODAY



HOMEPORT TRAINING

Locating Providers of Advanced Training in FCAs...

- ✓ Training Sources in FCA
- ✓ Right Sailor, Right Training, Right Time
- ✓ Eliminate Infrastructure & TAD
- ✓ Sailors Do Not Leave Homeport To Attend Training

Pay for a Trained Sailor Vice Pay for Fixed-cost Training

Through 3 Mar 01...

- ✓ 4,481 Sailors Trained Navy-wide Via Homeport Training
- ✓ 43 Courses at 8 FCAs

Cost: \$7.8M ROI: \$15.4M

Through FY 2006...

Cost: \$30M

ROI: \$108M



HOMEPORT TRAINING

Where We Were...



Where We Are and Where We are Going...



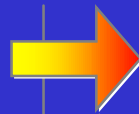
HPT EXAMPLES

HT Advanced Welding – Great Lakes

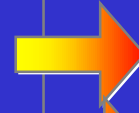
MCM/MHC Engine – Great Lakes

ARS 50/CAT 399 Diesel – Great Lakes

MS Advanced Training – San Diego



Norfolk NSY, SIMA San Diego, Pearl, and PACNORWEST



Ingleside, TX



USCG Station Yorktown, VA



Norfolk, Jax, PACNORWEST, San Diego, Pearl, and Japan

LOCAL TRAINING AUTHORITIES



Shipboard Barber
(Wards Corner)



Welding
(Norfolk Naval Shipyard)



Fiber Optics Training
(KITCO)



- Execute Homeport Training
- Coordinate Most Cost Efficient Training Solution to Meet Fleet Individual Training Requirements
- Identify/Certify Non-traditional Training Sites
- Current Locations
 - LANT: Norfolk, Mayport, Ingleside
 - PAC: Pearl, Bangor, San Diego, Yokosuka

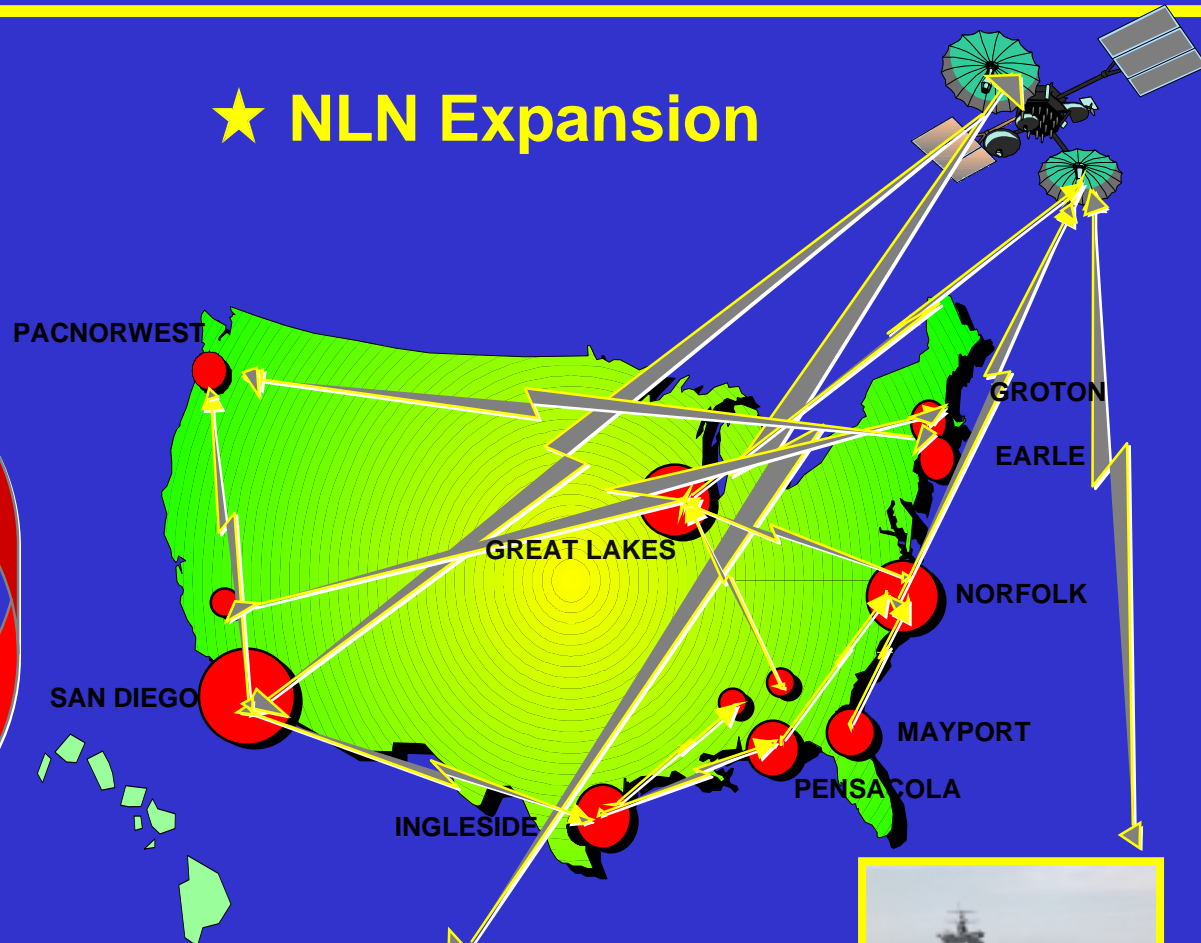
One Stop Shopping for the Fleet's Training Needs

WHERE WE ARE GOING...

★ Virtual Reality



★ NLN Expansion



★ Reach Back



WELCOME TO 2010 NAVY

- **People Changes**

- More Diverse
- More To Learn Quicker

- **Platform Changes**

- Smaller Crews
- No Redundancy

- **Technology Changes**

- Wireless Communications
- Augmented Intelligence
- Data/information Engulfs Us

- **Cultural Changes**

- Network Centric – Decentralize Authority



TOMORROW'S LEARNING CONTINUUM

- **Lifelong**
- **As Needed/On Demand**
- **Continuous Across a Career**
 - **Jack and Master of Many Trades**
 - **Fewer and Broader Occupational Scope Vs.
Rate-type Stovepipes of Today**
 - **Industry Certification Vs. NEC**

NAVY LEARNING NETWORK

www.navylearning.navy.mil



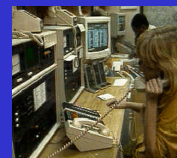
**Advancement
Courses**



**Libraries,
Databases**



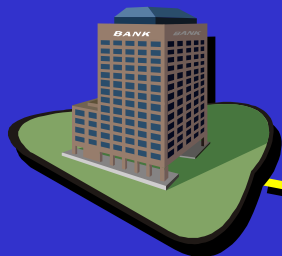
**Academic/Technical
courses**



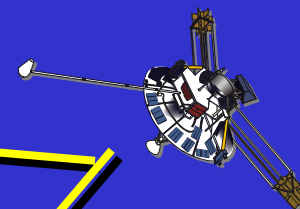
Help Desk



Cyber Chat



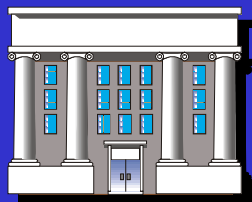
Industry & Business



IMARSAT B



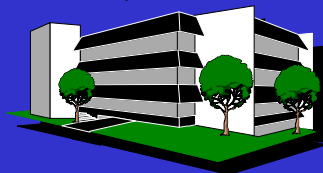
**Ships at Sea
Ships in Port**



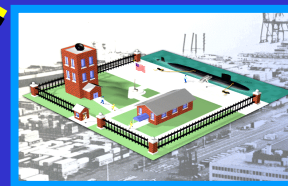
Higher Education



Home PC



**Navy
Schoolhouse**



**Shore Based Fleet
Readiness and Reserve
Centers**

COLLABORATION

Readiness &
Training



U. S. Army



U. S.
Marine Corps



U. S. Air Force

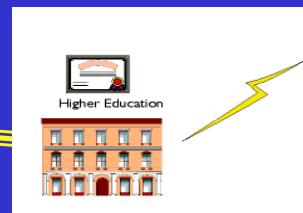
AFDLO

AIR FORCE DISTANCE LEARNING OFFICE

U. S. Air Force Institute for
Advanced Distributive
Learning



Business &
Industry



Academia



Naval Air
Warfare Center
Training
Systems
Division



U. S.
Coast
Guard

Challenges

- **Bandwidth**
- **Access**
- **Linking information to career paths**
- **Courseware quality**
- **Capturing measures of effectiveness**
- **Learning Management Systems**
- **Cultural Change**

PROGRAM CHALLENGES

- **Mobile Code Restriction Issues**
- **Bandwidth/Accessibility to ALL Users**
- **CULTURE CHANGE**
 - **Buy-In for the “Not Invented Here” Syndrome**
 - **Perceived Threat of Instructor Loss**
 - **Perceived Add-On Workload for
Ships/Schoolhouse Personnel**

FUTURE OPPORTUNITIES

- **Electronic Performance Support Tools & Aids**
- **Live Web-Based Training Scenarios**
- **Robust Chat for Cohorts of Students**
- **Total Electronic Training Record Accessible to Individual & Managers**
- **Feasibility of On-Line Testing for Advancement in Rate**
- **Deliver Complex Cognitive Instruction over Time & Space – Virtual Simulations**

SUMMARY

CNET... Providing Readiness Through Training

- Improving Learning Rates and Increasing Knowledge Retention
- Increasing Training Opportunities and Improving Quality of Service
- Reducing Total Time to Train
- Right Training to the Right Sailor at the Right Time
- Leveraging Technology to Improve Efficiencies



Thank you



Questions?